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(71)Applicant : KANSAI KAKO KK

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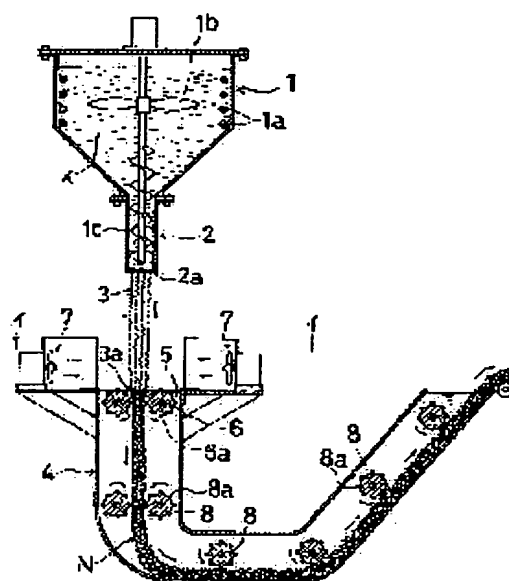
(72)Inventor : YOGO TAKASHI

(54) METHOD FOR PRODUCING SOLID NETLIKE STRUCTURE MADE OF SYNTHETIC RESIN

(57)Abstract:

PURPOSE: To obtain the subject structure having uniform meshes of net not readily releasing mutually between the meshes by spinning a thermoplastic synthetic resin material from plural nozzle holes in a twisted state and pulling filamentous materials deformed into a curled state and in a fused state into a cooling water tank.

CONSTITUTION: Filamentous materials 3 of a thermoplastic synthetic resin material K is spun in a twisted state from plural nozzle holes 2a and deformed into a curled state on the surface of cooling water 5. Air is sent from a blower 7 to the vicinity of cooling water level, the filamentous materials of curled state are forcedly and mutually contacted and fused and the cooled and solidified filamentous materials of curled state are continuously pulled into a cooling water tank 4 by drawing rollers 6.



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(71)出願人 591254729

関西化工株式会社

大阪府大阪市都島区大東町2丁目20番11号

(72)発明者 余吾 俊

兵庫県芦屋市新浜町4-9

(74)代理人 弁理士 岩越 重雄 (外1名)

(54)【発明の名称】 合成樹脂製立体網状構造体の製造方法

(57)【要約】

【目的】 網目の大きさが均一で、しかも網目相互間が容易に剥離しないようにした合成樹脂製立体網状構造体を能率よく製造する。

【構成】 複数のノズル孔から熱可塑性合成樹脂材の糸状体を撚りが生じた状態で紡出させ、その先端を冷却水面上へ接当させてカール状に変形させると共に、冷却水面近傍へ送風してカール状の糸状体相互を強制的に接触融着させ、その後冷却硬化したカール状の糸状体を引き込みローラにより冷却水槽内へ連続的に引き込む。

